

ABSTRACT OF THE DISCLOSURE

(Abstract)

(Subject)

The present invention clarifies the stator core  
5 configuration and winding specifications required to  
ensure that the stator formed by assembling the split  
cores of an epicycloidal motor exhibits the optimum  
performances, and provides a high-efficiency compact-  
sized motor.

10 (Means for Solving the Problems)

An epicycloidal motor having a stator core formed by  
assembling multiple split core pieces, and a stator  
winding conductor wound in the stator core slot, wherein  
the ratio of the overall effective area of the conductor  
15 (including the coating of an insulator, etc.) relative to  
the effective sectional area of the slot is 0.5 through  
0.8.

(Selected Figure) Fig. 1